

Your Guide to Isle Royale National Park

www.nps.gov/isro





A Wild Idea

THIS YEAR MARKS THE FIFTIETH anniversary of the Wilderness Act, a federal law that identifies, defines and protects spectacularly wild places around the country. There is, perhaps, no better way to celebrate this anniversary than with a visit to Isle Royale National Park, among the nation's first wilderness parks and a place that had much to do with informing our ideas of what a wilderness should look like. But before we crack open our Nalgene bottles to toast the Act, it is worth reflecting on what the Wilderness Act has done for Isle Royale (and hundreds of other wild areas) and what it simply cannot do. For there is much to be gained—but also something lost—when a place is identified as wilderness.

Isle Royale is a park thanks in large part to the early wilderness movement. In the 1920s and 30s the young National Park Service was looking to expand into the eastern and midwestern United States in order to increase visitation. The National Park Service was combing the Midwest for a place that would compare in beauty to the great western parks that were the foundation of the park system. They may not have found it in Isle Royale but for one thing: wilderness.

While many visitors to early parks were clamoring to see Old Faithful and El Capitan via newly built roads and hotels, another vocal—group of visitors was criticizing the Park Service for making parks too accessible, too developed, too car-filled and traffic choked. This wilderness group prodded the Park Service to accommodate them, as well as the auto-loving tourist. In Isle Royale, the National Park Service found a beautiful location that could be managed

without roads and development. A new national park was born.

The National Park Service had to approach its management of Isle Royaleasawilderness park differently. Early wilderness advocates helpedpark managers design a recreational space that would honor the attributes that made Isle Royale special. In marked contrast to Isle Royale's contemporaries, the island did not get wide, graded trails. No hotels were placed in the backcountry and no roads or cars marred the island's solitude.

When the Wilderness Act was passed in 1964, many of the management decisions that the National Park Service had practiced on Isle Royale were codified into law. Designated wilderness areas can have no roads or wide trails, no buildings or other permanent signs of humans. Indeed, wilderness is defined in the Act as, "a place untrammeled by man...where man himself is a visitor who does not remain."

The Wilderness Act we celebrate this year has helped protect untrammeled wilderness across the United States, at great benefit to animals, ecosystems and people seeking peace and quiet. But the Act has also helped shape our ideas of what a wilderness is—including the idea that wildernesses are places somehow removed from their surrounding landscapes: untouched and untouchable.

This idea could not be further from the truth. The boundaries that we have put around our wildernesses are paper boundaries, nothing more. All of our celebrated wild places are tied to the land, air, water and climate that envelop them. Isle Royale, a vanguard of wilderness, is facing pressure from a changing climate and invasive species—threats that come from outside its protective boundaries. With each passing year it becomes ever clearer that we cannot protect wilderness separately from other places. The decisions that we make in our day-to-day lives, no matter how far we live from wilderness, are decisions that affect our untrammeled landscapes.

Many people find solace, peace and refuge on their visit to Isle Royale's wilderness. Isle Royale, in turn, finds refuge in all of us. Take your experiences on the island and transform them into wise decisions at home. With your help, Isle Royale may be every bit as wild and untrammeled fifty years from now as it is today.

Amalia Tholen Baldwin Isle Royale Park Ranger 1999, 2001, 2004, 2006 and 2009

WELCOME TO ISLE ROYALE

What does the call of the wild sound like? Is it the resonating tremolo of a loon, echoing across the ridges? Is it the deep silence of a velvety star-spangled night? The aria of a white-throated sparrow? The crash of waves upon the shore?

When you heed the call of the wild and journey to Isle Royale, you abandonyourhecticschedulesand your mechanical conveniences. You are left only with your own senses, your own resourcefulness. No longer buffeted by the hustle and bustle, you connect with the rhythms of the place. You become part of the island's wild song.

But how much of this wilderness song should be composed by us? Do we deliberately introduce wolves, or follow a course of non-intervention? What parts of our history on the island should remain visible and interpreted?

I encourage you to ponder these questions as you wander the island trails. Come experience Isle Royale, take time to listen, and discover for yourself the meanings and importance of wilderness.

The island is calling.

Phyllis Green Superintendent



4 Interpretive Activities

Printing of

The Greenstone

courtesy of the

Isle Royale and

Keweenaw Parks

Association

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Ferry schedules and daily fees.

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Books and maps provided through the Isle Royale and Keweenaw Parks Association.







Contacts

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Fax: 906-482-8753 Website: www.nps.gov/isro

E-mail for General Information:

ISRO ParkInfo@nps.gov **Emergency use only:**

(440) 546-5945 or toll free 1-800-433-1986

Isle Royale and Keweenaw **Parks Association** (Books, Maps, DVDs and Posters)

800 East Lakeshore Drive Houghton, MI 49931-1869

Phone: 800-678-6925; 906-482-3627

Website:

www.irkpa.org

E-mail:

irkpa@irkpa.org

Rock Harbor Lodge

P. O. Box 605 Houghton, MI 49931-0605

Phone: 906-337-4993

Winter

Rock Harbor Lodge, P. O. Box 27, Mammoth Cave, KY 42259-0027 Toll-Free Reservations: 866-644-2003 Phone: 270-758-2001

Website:

www.RockHarborLodge.com

E-mail:

isleroyaleresort@starband.net

Weather Forecasts for Isle Royale Michigan

www.crh.noaa.gov/mqt

Minnesota

www.crh.noaa.gov/dlh

Weather Radio Forecasts

- 162.400 MHz from Houghton, Michigan.
- 162.475 MHz from Thunder Bay, Ontario, Canada.

Keweenaw Convention and Visitors Bureau

Phone: 800-338-7982

Website:

www.keweenaw.info

E-mail: info@keweenaw.info

Minnesota's Grand Marais Visitor Information Center

Phone: 888-922-5000

Website:

www.grandmarais.com **E-mail:** info@grandmarais.com

Michigan Department of Natural Resources **Fishing License Purchase** Website:

www.michigan.gov/dnr

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—Printed on recycled paper—

Did You Know?

Since the passage of the Wilderness Act in 1964, Congress has designated more than 750 Wilderness Areas, giving this highest form of conservation protection to almost 110 million acres of federal lands. Take this 50th anniversary challenge and test your knowledge of the wild.

- 1) The National Wilderness Preservation System is made up of areas of National Park Service, US Forest Service, Bureau of Land Management and US Fish and Wildlife Service lands. Which agency protects the most acres of designated wilderness?
- 2) What percentage of the United States land base is protected as designated wilderness?
- 3) The first National Park Service Wilderness Areas were not designated until 1970. They heightened protection for wild places with ancient stone trees and a lunar-like landscape. In what two NPS sites are these Wilderness Areas located?
- 4) When the Wilderness Act passed the United States Congress in 1964, how many of the 375 members voted in favor of the bill?

4) 374; the lone dissenter said it just didn't go far enough to protect wilderness.

in Idaho.

3) Petrified Forest National Park in Arizona and Craters of the Moon National Monument and Preserve

2) 5%; about half of this is in Alaska

1) The National Park Service protects over 45 million acres of Wilderness, 40% of the total.

YNZMEKS

Wilderness Act established the National Wilderness Preservation System to "secure for the American people of present and future generations the benefits of an enduring resource of wilderness"



Forever Resorts: Rock Harbor and Windigo

Lodge Rooms

Sixty rooms are available; each accommodates four and offers private bath. Open 6/3 through night of 9/5.

Housekeeping Rooms

Twenty duplex cottages accommodate six and are furnished with utensils, dishware, private bath, double bed and two bunk beds. Open 5/23 through night of 9/5.

Gift Shop and Dockside Store

Gift Shop offers handcrafted gifts, apparel, photo supplies, postcards, souvenirs, daily fishing licenses, and tackle. The store offers groceries, freeze-dried foods, fishing tackle, stove fuel, camping, hiking, and boating accessories, showers, laundry facilities, and sundries. Gift Shop Open 6/3 through 9/5; Dockside store Open 5/23 through 9/5.

Lighthouse Restaurant and **Greenstone Grill**

Hearty meals, including fresh Lake Trout. Visitors welcome for breakfast, lunch, and dinner. Food service Open 6/3 through breakfast 9/6.

Marina and Water Taxi

Offers 450 feet of dock space in Rock Harbor, accommodating boats up to 65 feet. Electrical, fresh water hook-up, sewage pump-out, gasoline, and diesel fuel, motorboat, canoe, and kayak rental available. Water taxi service drops off or picks up visitors, canoes, or kayaks at many island docks. Services Open 5/23 through 9/5.

Fishing Charters and Sightseeing

Charters are fully equipped. For details on sightseeing trips refer to page 4. Open 6/3 through 9/5.

Windigo Store and Marina

Offers groceries, cold sandwiches, camping supplies, stove fuel, daily fishing licenses and tackle, gifts and photo supplies. The marina offers gasoline, pump-out service, and motorboat, canoe and kayak rental. Shower and laundry facilities available. Open 6/3 through 9/7.

Windigo Cabins

Two rustic cabins; each accommodates up to six and is furnished with table, chairs, full size futon, 2 bunk beds with mattresses, electrical outlets and lighting and have picnic table and propane grill. Water spigot and privy are nearby. Open 6/3 through night of 10/4.

The cost for utilities on Isle Royale is much higher than on the mainland. A utility surcharge will be added to the cost of some goods and services.



Wilderness Summers



The Ishpeming Fire Tower in 1971

Each time I near Isle Royale, I marvel at my amazing good fortune to have this place in my life, this green stone gem blue-sea-set.

In 1960 I was a college student looking for summer work. The only offer I received from a batch of applications was for "kitchen aid" at Rock Harbor Lodge on an island I'd never heard of. Having no better prospects, I accepted.

Though the job was really dishwasher, I fell in love with the island. Its wild beauty and isolation from crowds and mechanized hustle revealed a whole new possibility for joy in life. Over the next three seasons, I rose to the position

of night watchman and met Barbara, the office secretary.

June, 1965. No more summer idylls. It was time for dedication to careers and marriage. Then came the call: the guy hired for Ishpeming Fire Tower had backed out. Would we be interested? Could we sail in five days? Our decision led to three wilderness summers, the last with our fifteen-month-old daughter.

Ishpeming Fire Tower does not "tower." It squats on one-story legs on the second highest point on the Greenstone Ridge. Apparently planners assumed the spot would remain open and the tower would always have an unrestricted view. Not so. Trees grow. As hikers today discover, you don't see the tower until you are almost upon it.

However, during our time the view was spectacular. To the north across blue Lake Superior waters was the Canadian shore, a dim line of headlands. Below us lay low ridges and boggy valleys of varying shades of green. To the south was the series of ridges that Ishpeming Trail alternately climbs and parallels as it ascends from Siskiwit Lake. We could see up and down the Greenstone Ridge, the undulating backbone of the island.

Our perch provided great sky watching. Distant thunderstorms moving across Lake Superior were silent flashes of light, and as they approached became bright bursts followed by muffled reports. Heavy nighttime lightning overhead really got our attention. Almost simultaneous explosions of light and sound were magnified and reflected inside our metal and glass

skybox. Though we'd been assured the tower was well grounded, we nervously avoided the walls.

In the pitch blackness of a cloudy night you could get a lost, almost floating feeling as you peered out the windows trying to get some visual orientation. But on a clear, dark night standing on the catwalk gazing into the heavens, you had no doubt about your place in the universe. Stars beyond numbering formed a dome of lights stretching as far as you could see and deeper than you could imagine.

We still return to Isle Royale regularly, drawn both by the pleasure of the journey and the memories evoked. When we visit the tower, there is sadness at seeing it empty and abandoned.



Barbara and Russ Tabbert with daughter Sara at their duty station.

How nice it would be to be greeted by an enthusiastic lookout, maybe even a happy young couple, from the catwalk of a well-maintained tower. We could share our experiences and urge them to savor the best job they will ever have.

But that possibility is long gone. The tower has been unstaffed for many years. In reality, there probably never was much need for a fire tower at Ishpeming Point. But we are grateful for it and for the coincidences that brought us there for three wonderful summers in the wilderness.

Russell Tabbert Isle Royale Park Ranger 1965, 1966 and 1971

The Other 1%



Part of the other 1%, the area around Snug Harbor provides visitor services and amenities at the edge of wilderness.

A very small sliver of the total land passage of the Wilderness Act and, in base of Isle Royale National Park is not designated as wilderness. Discussion about the amount of non-wilderness in the park was one of the main reasons twelve years elapsed from the time that the Wilderness Act was passed in 1964 until the bill designating wilderness at Isle Royale became law in 1976. Rock Harbor, Windigo and Mott Island were areas that would obviously not be included in wilderness. But what about places like Malone Bay or McCargoe Cove, where park facilities and significant cultural resource footprints also existed? Should they be included in wilderness?

Early in the process, during the mid-1960s, the National Park Service (NPS) and the Department of the Interior (DOI)

most pristine lands should be included in wilderness. But their initial proposals met resistance in Congress. Senator Frank Church (D-Idaho) had been heavily involved in the

reviewing these proposals, he argued that the act was much more inclusive, saying:

"The test of suitability of an area for wilderness designation is simply and solely in the definition of wilderness in Section 2(c), which is a reasonable, flexible definition, resting basically on a balancing judgment of the imprint of man's work being substantially unnoticeable within the proposed wilderness..."

The definition in section 2(c) of the Wilderness Act allows features of "ecological, geological, or other features of scientific, educational, scenic, or historical value" to be included in wilderness areas. As a result, the next round of proposals was much more inclusive, adding 8,985 acres of wilderness.

recommended By the early 1970s, a citizens coalition that only the had formed that was specifically interested in the Isle Royale wilderness proposal. Working with legislators, including Michigan Congressman Philip Ruppe (R-MI), they developed a counterproposal called the Citizens' Alternative, which sought to gain wilderness designation for as much of the park as possible, to provide maximum protection for park resources.

> Between 1963 and 1972, Isle Royale visitation doubled from 7,800 to 16,100. The NPS and DOI were concerned that, if the trend continued, the park might need to expand facilities in response. In 1973 Isle Royale Superintendent Hugh Beattie commissioned a basic carryingcapacity study for the island, in part to gain a sense of how much nonwilderness might be needed to support higher visitation numbers.

> Because the Isle Royale legislation was wrapped up with legislation for a dozen other parks, the process of working out an agreement was lengthy. The final bill included an additional 2,400 acres, bringing the total wilderness area to 132,018 acres. In the end, 99% of the land base of the park was designated as wilderness. Parts of Malone Bay, Siskiwit Bay and McCargoe Cove, as well as the areas surrounding Rock Harbor and Windigo,

were excluded from wilderness to allow for thoughtful expansion of facilities if the need arose. In the almost forty years since the Isle Royale Wilderness legislation, that need has not presented itself, but the other 1% remains—as a possibility for the future.

Lucas Westcott Isle Royale Park Ranger 2009 - present



Beyond the portals, the visitor embraces self-sufficiency and simplicity.

Interpretive Activities

Enjoyable and educational programs are offered on Isle Royale at Rock Harbor and Windigo, and they are also presented on the National Park Service vessel, *Ranger III.* In addition, the tour boat *MV Sandy* offers guided excursions.

Ranger guided tours are free, although those involving MV Sandy and the Ranger III waterway cruises include a transportation fee. Check at local bulletin boards for further details.

For outdoor activities, dress for the possibility of cold or rain and wear sturdy footwear. Trails are rocky and can be slippery during or after wet weather; wear shoes with good ankle support, weatherproofing, and soles that grip well. Come join us!

- All times are Eastern Daylight Time
- \$ = transportation cost
- ** = indicates tours with a park ranger

ROCK HARBOR AREA	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Rock Harbor Visitor Center Information, books, maps, educational sales materials, camping permits, dive permits, user fee payments, and Jr. Ranger Program.				a.m. to 6:00 p.m. – hedule in May, June			
Interpretive Programs Join a park representative for an exploration of Isle Royale's natural and cultural history.			Check the I	oulletin board for pr	ogram schedule.		
MV SANDY TOURS FROM ROCK HARBOR	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
The trails on tours are rocky and uneven with some steep climbs and descents; trails may be slippery. Be prepared for cold temperatures and the possibility of rain.	М	<i>V Sandy</i> Tours will c ck Harbor Lodge an	ns involving the MV sperate from June 3 t d Rock Harbor Visito for hikers/paddlers a	hrough September ! r Center; children ur	5. Rates for the varionder 12 are charged	ous tours are availabl half-price for the <i>M</i> '	e at the / Sandy.
Hidden Lake/Lookout Louise (\$)** Greenstone Shuttle A 4-mile boat trip on the MV Sandy to Hidden Lake Trailhead followed by a 2-mile round trip hike past Hidden Lake up 320 feet to Lookout Louise. View the south shore of Canada and the north shore of Isle Royale. Return with the group or bring a lunch and water and hike 9.4 miles back to Rock Harbor.			9:00 a.m. to 12:30 p.m. (Water Bus)		9:00 a.m. to 12:30 p.m. (Water Bus)		
Passage Island (\$) An 8-mile boat tour on the MV Sandy crosses one of Isle Royale's popular shipping lanes. The 2-mile round-trip hike leads to Passage Island Lighthouse and explores an area of low moose presence.		1:30 p.m. to 6:00 p.m.		9:00 a.m. to 1:30 p.m.		1:30 p.m. to 6:00 p.m.	
Edisen Fishery and Rock Harbor Light (\$) Visit the historic commercial fishery with the resident fishery demonstrator and take a quarter-mile walk to the oldest lighthouse (1855) on Isle Royale and enjoy its maritime exhibits.			2:00 p.m. to 6:00 p.m.		2:00 p.m. to 6:00 p.m.		9:00 a.m. to 1:30 p.m. (Water Bus)
Raspberry Island/Sunset Cruise (\$) Take a walk along a boardwalk through the spruce bog on Raspberry Island followed by a cruise on the MV Sandy around Scoville and Blake Points to view features like the Canada shoreline, the site of the Monarch shipwreck, and a Lake Superior sunset (after Aug. 15, cruise only).			8:00 p.m. to Sunset in June-July 7:30 p.m. to Sunset in August- September	2:30 p.m. to 5:30 p.m (tour goes to Raspberry Island only)		8:00 p.m. to Sunset in June-July 7:30 p.m. to Sunset in August- September	
DAISY FARM	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Evening Programs Explore Isle Royale's natural and cultural history with a guest speaker.			Check the campgrou	und bulletin board fo	or program schedule	2.	
WINDIGO	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Windigo Visitor Center Information, books, maps, educational sales materials, camping permits, dive permits, user fee payments, and Jr. Ranger Program.			-	a.m. to 6:00 p.m. – chedule May, June,			
Interpretive Programs Join a park representative for an exploration of Isle Royale's natural and cultural history.			Check the l	bulletin board for pr	ogram schedule.		
HOUGHTON	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Houghton Information, trip planning, books, maps, and other educational sales materials, <i>Ranger III</i> and group camping reservations, boater camping permits, dive permits, and user fee payments.		8/18 through 9/13	pen 8:00 a.m. to 6:0 open 8:00 a.m. to 4: n 6/8/2015 open 8:15	30 p.m. Monday thi	rough Friday, Saturd	ay 2:00 p.m. to 4:00	
RANGER III	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Interpretive and Educational Programs While onboard, park staff and guest speakers, weather permitting, will explore cultural history or topics related to the Lake Superior Basin. Park staff will assing questions, and issuing backcountry camping permits.			9:00 a.m. to 2:00 p.m. 5/27 through 9/9	9:00 a.m. to 2:00 p.m. 5/28 through 9/10		9:00 a.m. to 2:00 p.m. 5/30 through 9/12	9:00 a.m. to 2:00 p.m. 5/31 through 9/13
Keweenaw Cruises (\$) Enjoy an afternoon cruise along the scenic Keweenaw Waterway aboard the <i>R</i> For reservations call (906) 482-0984	anger III.				1:00 p.m. to 3:30 p.m. 7/17 and 7/31		



Planning Your Visit

Camping

Permits are required for all overnight stavs at campgrounds, cross-country sites, docks, or at anchor, regardless of group size or method of travel.

For trip planning assistance call (906)482-0984; write to Isle Royale National Park, 800 East Lakeshore Drive, Houghton, MI, 4993: or email ISRO_ParkInfo@nps.gov

Group Camping — groups of seven or more (see chart below)

Advance reservations are required for any group or organization bringing seven or more people to the island. If your group exceeds ten people you must split into two parties, each independent and traveling on completely separate itineraries. Organizations may not have more than twenty people camping on the island at any one time and are limited to eighty people a

Group leaders should carry medical information for each group member including known allergies and medical conditions, and medications currently

Small Party Camping — parties of six or less (see chart below)

Camping for individual parties is on a firstcome, first-served basis.

All small party campsites contain either tent sites or a three sided shelter. Shelters and tent sites are available on a first-come, firstserved basis. Shelters may not be reserved and may not be used solely for cooking or the storage of gear. Tents may not be erected outside at shelter sites. Close shelter doors gently to minimize intrusive noise.

Expect crowded conditions at campsites from late July through August. When sites are full campers should double up and share empty tent pad space.

Campers must stay in established campsites unless off-trail (cross country) arrangements are made when permitting. Off-trail hiking and camping are difficult on Isle Royale.

Commercial Groups and **Special Use Permits**

Organizations that charge trip participants a fee or that compensate members or trip leaders in any way are commercial groups under federal law. This applies to both non-profit and for-profit groups and organizations.

For-Profit Groups require a Commercial Use Authorization - CUA (\$200 fee)

Non-Profit Groups require a Special Use Permit - SUP (\$50 fee)

Applications for CUAs and SUPs are accepted between January 2 and May 15. For application forms and further information visit www.nps. gov/isro/parkmgmt/businesswithpark.htm.

Commercial filming and still photography SUPs have a different fee schedule based on type of activity and number of people. Contact Greg Bickings at 906-487-7178 or greg_bickings@nps.gov for details.

"Quiet, Please"

Most visitors come to Isle Royale to hear the sounds of nature in a wild setting. Excessive human noise disturbs wildlife and other visitors. During quiet hours, between 10:00 p.m. and 6:00 a.m. EDT, if people in adjacent campsites can hear your activities, you are being too loud.

Respect Wildlife

Observe, photograph, and enjoy park wildlife from a safe distance. Use binoculars or a zoom lens "to get closer" to wildlife. Loons are especially susceptible to disturbance, and may abandon their nests when approached too closely by boats. Cow moose with calves, particularly in the spring, and bull moose during the fall rut can be dangerous; give them a wide berth.

Keep wild animals wild by discouraging them from approaching humans. Practice proper food storage and keep a clean camp. To protect your food make sure it is sealed and secured. It is illegal to feed, touch, tease, or intentionally disturb wildlife, their homes, nests, or activities. Animals, particularly fox and otter, when habituated to human food, may eventually overcome their natural wariness of humans and may have to be destroyed.

Human Waste

Proper disposal of human waste helps prevent pollution of water sources, minimizes aesthetic impacts to other visitors and reduces the spread of illness. Never defecate within 100 feet (at least 50 steps) of lakes, streams, trails, gullies, or campsites. In areas without outhouses, select a site that visitors are unlikely to discover. With a small trowel, dig a "cathole" 6 to 8 inches deep and 4 to 6 inches in diameter. Use toilet paper sparingly. After use, cover the "cathole" with the excavated soil and

disguise it with natural materials. Urinate on durable surfaces away from campsites and water sources. Pack out all used femininehygiene products, carrying them in plastic bags, doubled to confine odor.

Waste Water Disposal

Cleaning Cookware

Most cookware can be cleaned with hot water, a little elbow grease, and sand or other natural scrubbers. Clean cookware at least 100 feet from lakes, streams, trails, gullies, or campsites. Soap is unnecessary for most dishwashing jobs. Even biodegradable soaps take a long time to degrade. Use these products sparingly and keep them at least 100 feet from water sources and campsites. Use a small strainer or screen to remove food bits from the water and pack them out with your garbage. The remaining gray water should be scattered or broadcast over a wide area away from camps and water sources.

Bathing/Cleaning Clothes

When bathing use soap only if necessary and use it sparingly. Get wet, then move at least 100 feet away from all water sources and campsites to lather and rinse. Rinse water can be carried in collapsible containers or pots. Clothes can be cleaned by taking them away from water sources and campsites and thoroughly rinsing them with plain water.

Drinking Water

Potable water is only available in Rock Harbor and Windigo. All surface lake and stream water should be considered contaminated with pathogens. Drinking contaminated water can make you very sick. Water collected in the park should be boiled at a rolling boil for at least one minute or passed through a 0.4 micron filter. To be assured of no risk of contamination from small bacteria and viruses, all filtered water should be further treated with iodine or other approved chemical methods. By itself, chemical treatment is not an effective method of water purification. If you boil your water, bring plenty of stove fuel. If filtering, bring a replacement cartridge for filters that cannot be cleaned in the field. Please note: SteriPENs and other UV purifiers have not been manufacturer-tested for a common Isle Royale parasite and cannot be considered effective.

Precautions should be taken to prevent filters from becoming clogged. Filter water from a pot rather than directly from a lake or creek. Allow the sediment in the pot to settle and filter only from the cleaner water on top.

Dehydration is a factor in most medical problems experienced in the park. In hot weather the Greenstone, Minong, and other trails become hot and dry, and creeks that once offered water may be dry. To avoid dehydration, be sure to carry a minimum of 2 quarts of water per person. Drink as much water as possible while near water sources. Start hiking early before the day heats up. Hike at a slower pace than usual and rest in shady spots. Dehydration is also a problem in cold weather as most people don't feel thirsty and tend to drink less. Watch for mild signs of dehydration such as thirst, fatigue, headache and dizziness. Signs of severe dehydration include nausea, reduced or no sweating and long stretches without urinating.

Drinking Water Notice

In recent years, blue-green algae blooms have occurred in several inland lakes. Blue-green algae can be toxic and filtering does not remove toxins from the water. Avoid swimming, fishing or filtering water if it has a cloudy-blue cast or looks like "pea soup". Report possible algae blooms to park staff. If algae blooms occur, advisories will be posted at park visitor centers. For more information visit the Minnesota Pollution Control Agency website, http://www.pca.state. mn.us/water/clmp-toxicalgae.html.

Pack It In, Pack It Out

It starts at home. Through careful meal planning and repackaging of food items, you can reduce food leftovers and trash in the backcountry. Please pack out everything you take in. Leftover food, food-scraps, orange peels, nutshells, apple cores, twist-ties, candy wrappers, fishing line, and cigarette butts must be packed out. If you have food leftovers, either save and eat them later or pack them out. Do not burn, bury or place trash, food scraps or garbage in outhouses. Please help keep the backcountry clean by packing out what you packed in.

Leave What You Find

Enjoy your discoveries and take them home via photographs, drawings, and memories. Natural objects of beauty or interest such as moose antlers, plants, driftwood, cultural or archeological resources, rocks and minerals, including those found in Lake Superior, must be left where they are so others can experience the same sense of discovery. Removing, possessing, or disturbing park resources is prohibited. This may seem like a harmless act, but the cumulative effect of many people doing the same can be quite damaging to park resources. Picking small quantities of berries for personal consumption is permitted.

IF YOU HAVE	YOU WILL CAMP AT	PERMIT REQUIRED	OBTAIN YOUR PERMIT AT	NON-REFUNDABLE PROCESSING FEE
6 people or fewer	Individual camp sites. First come, first serve	Small Party Backcountry Camping Permit	Rock Harbor or Windigo Visitor Centers upon arrival to island, or onboard Ranger III ferry.	\$0
Two or more parties of 6 people or fewer (not to exceed 20)	Individual camp sites. First come, first serve	Small Party Backcountry Camping Permit for each party of campers. With completely separate itineraries**	Group Camping office in Houghton in advance by phone at 906-482-0984	\$25 for first 10 people Additional \$25 for 11 to 20 people.
One group of 7 – 10 people	Reserved Group tent sites	Group Camping Permit	or online http://www.nps. gov/isro/planyourvisit/group-	\$25
Two groups of 7 – 10 people	Reserved Group tent sites	Two Group Camping Permits With completely separate itineraries**	camping-parties-of-seven-to- ten.htm	\$50
One group of 7-10 people and One party of 6 people or fewer	Reserved Group tent sites and Individual camp sites. First come, first serve	Group Camping Permit and Small Party Backcountry Camping Permit With completely separate itineraries**		\$50



CAMPGROUNDS	itine a soe					Sornal tions Dock	On board Generate Permi
CR - Fires in community ring only	Consecutive and Lider Consecutive	ody udi			no:	small trions Doe	gard
S - Self-contained stoves only W - Treated water supply	Constitution	inidikes	X ⁵	all cites	cid math	40' ond that	m.berdi
F - Campfires allowed or standing grills provided	Consecutive Stay Cive Consecutive Stay Charles Light Labor	od Individual Individual	Shelters	Group Sites	Special nution	20° ong threet	Germ
Beaver Island	3	0	3	0	S	2'-5'	yes
Belle Isle	5	I	6	0	F	13'	yes
Birch Island	3	I	I	0	S	5'	no
Caribou Island	3	I	2	0	CR	10'	yes
Chickenbone E.	2	3	0	I	S	_	-
Chickenbone W.	2	6	О	3	S	_	_
Chippewa Harbor	3	2	4	I	F	7'	no
Daisy Farm	3	6	16	3	S	9'	no
Desor N.	2	3	О	0	S	_	-
Desor S.	2	7	O	3	S	_	-
Duncan Bay	3	I	2	0	F	6'	no
Duncan Narrows	3	I	2	0	F	6'	no
Feldtmann Lake	2	5	0	2	S	_	_
Grace Island	3	0	2	0	S	2'-4'	yes
Hatchet Lake	2	5	0	3	S	_	_
Hay Bay	3	I	0	0	S	3'-7'	yes
Huginnin Cove	3	5	O	0	S	_	_
Intermediate Lake	2	3	О	0	S	_	_
Island Mine	3	4	О	2	F	_	_
Lake Richie	2	4	0	2	S	_	_
Lake Richie/Canoe	2	3	0	0	S	_	_
Lake Whittlesey	2	3	0	0	S	_	_
Lane Cove	3	5	О	0	S	_	
Little Todd	2	4	0	0	F	_	_
Malone Bay	3	0	5	2	F	3'-6'	yes
McCargoe Cove	3	3	6	3	CR	7'	no
Merritt Lane	3	I	I	0	S	8'	no
Moskey Basin	3	2	6	2	S	8'	no
Pickerel Cove	2	I	0	0	S	_	-
Rock Harbor	I	II	9	3	W-S	_	_
Rock Harbor Marina	Unlimited	-	-	-	F	3'-12'	yes
Siskiwit Bay	3	4	2	3	CR	2'-6'	no
Three Mile	I	4	8	3	S	9'	no
Tobin Harbor Dock	5	_	_	_	S	3'-8'	yes
Todd Harbor	3	5	I	3	CR	2'	no
Tookers Island	3	O	2	О	S	7'	no

CANOE PORTAGES

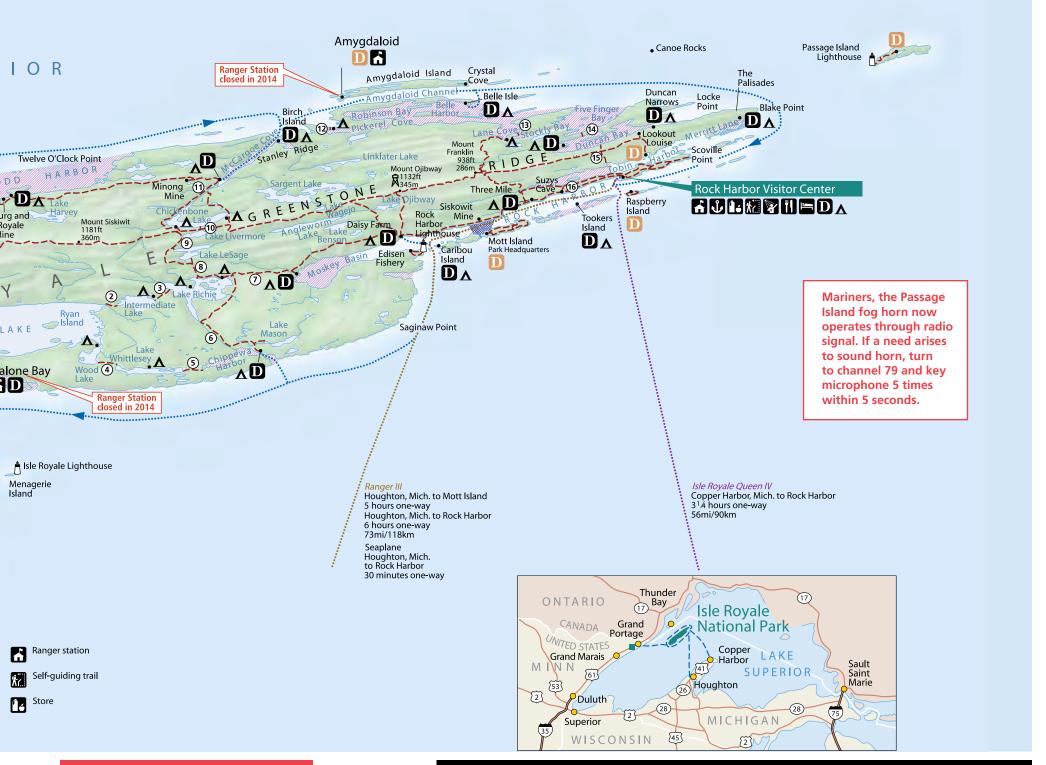
 $Distance \hbox{-} El evation\hbox{-} Change \hbox{-} General Comment$

- ① Malone Bay Siskiwit Lake 3 miles, 40' Gradual Slope
- ② Siskiwit Lake Intermediate Lake .4 miles, 40' Gradual
- (3) Intermediate Lake Lake Richie .6 miles, 120' Hilly and wooded
- (4) Wood Lake Lake Whittlesey .6 miles, 80' Rolling
- (5) Lake Whittlesey Chippewa Harbor .6 miles, 140' Steep grades and rocky
- 6 Chippewa Harbor Lake Richie -1.2 miles, 160' Hilly
- Moskey Basin Lake Richie -2.0 miles, 120' Gradual but very long
- **8** Lake Richie Lake LeSage .6 miles, 100' Steep grades, wet
- 9 Lake LeSage Lake Livermore -.4 miles, 80' Steep grades, wet
- 10 Lake Livermore Chickenbone Lake -.2 miles, 40' Steep but short
- Chickenbone Lake -McCargoe Cove 1.2 miles, 80' Hilly
- Pickerel Cove –.ı miles, ıo' Short and sweet

Refer to page 8 for details

- (3) Lane Cove Stockly Bay .. mile, 8' Short and sweet
- Five Finger Bay Duncan Bay 2 miles, 8' Short and sweet
- Duncan Bay Tobin Harbor –
 8 miles, 175' Extremely steep
- 6 Tobin Harbor Rock Harbor -.2 miles, 40' Up and over

NOTE: Because of Isle Royale's geology, north-facing slopes are much steeper than south-facing slopes.



SAFETY TIPS

The island's Wilderness and Lake Superior present challenges and potential hazards to the inexperienced or ill-prepared.

- Basic emergency services are available on the island, but contacting rangers for assistance can be difficult. Emergency response and evacuation may take time, requiring you to rely on your own skills and equipment. Most private boaters on Lake Superior have radios and can contact park rangers in an emergency.
- Bring a good first aid kit, a sufficient supply of any needed medications, and clothing appropriate for the time of year.
- Filter with chemical treatment or boil all surface water. Drink plenty of water. When dehydrated, you tire more quickly, don't think clearly, and are more prone to fall.
- Weather and lake conditions can deteriorate quickly and unexpectedly. Hypothermia can occur any time of the year, especially near Lake Superior, where water and air temperatures are cool to cold year-round. Fog and waves can quickly create dangerous conditions for boaters, especially for paddlers.
- Many people underestimate hiking travel times and overestimate their abilities. Plan shorter, realistic travel days; don't turn your wilderness trek into a forced march.

FISHING REGULATIONS

Species	Seasons	Minimum Size	Daily Possession Limit	Comment
Lake Trout, Rainbow Trout and Salmon Lake Superior and Siskiwit Lake	April 16 to October 31	10" except 15" for lake trout	5 in any combination, but no more than 3 of any one species - only one over 34"	*I, *2 Artificial lures only on Siskiwit Lake*3 *4
Coaster Brook Trout Lake Superior	May 1 to Labor Day	N/A	Catch and release only in park's Lake Superior waters.	*I See Greenstone article page 10 for details *4
Brook Trout Streams and Hidden Lake	Last Saturday in April to Labor Day	N/A	Catch and release only — No possession allowed	Artificial lures *3 and barbless hooks *4 See Greenstone article page 10 for details
Rainbow Trout Streams		7"	5 fish with no more than 3 fish over 15"	
Lake Herring (Cisco) and Lake Whitefish Inland Lakes	April 16 to October 31	N/A	Catch and release only	*3 *4
Yellow Perch Lake Superior and Inland Lakes	April 16 to October 31	No minimum size	50	Recommend daily limit of 10 *4
Northern Pike Lake Superior and Inland Lakes	May 15 to October 31	24" Lake Superior Inland Lakes - No minimum size, 30" maximum	5 in any combination, but no more than 2	Artificial lures only on interior lakes *3 and streams *4 See Greenstone article
Walleye Lake Superior and Inland Lakes		15"	Northern Pike	page 10 for details

 $For additional \ fish \ species, seasons, creel \ limits \ and \ 2014 \ regulation \ updates \ and \ changes \ review \ the \ Michigan \ Fishing \ Guide$

- *I Park boundaries extend 4.5 miles out into Lake Superior from the outermost land areas of the park.
- *2 For additional trout/salmon fishing information, review the Michigan Fishing Guide.
- *3 Artificial lure means any lure or fly manufactured in imitation of, or as a substitute for natural bait. It is unlawful to use or possess live bait, dead or preserved bait, organic or processed food, or scented material on interior lakes or streams.
- Only barbless hooks may be used for fishing the park's rivers, creeks, and streams, and all inland lakes. Barbed hooks are only allowed in Lake Superior waters.

Insects

Expect mosquitoes, black flies, gnats, and other insects to peak in June or July. During wet summers, mosquito populations can continue well into August. Bring insect repellent, netting, or other skin barriers. Dry summers will produce an abundance of yellow jackets. Bring an epinephrine kit if you or a member of your party is allergic to bee stings. For others, over-the-counter antihistamines may help counter minor swelling and itching.

Minimize Use of Fires

Campfires are permitted at only a handful of campgrounds. A backpacking stove is a must; these stoves are lightweight, dependable, easier to use, and less damaging to the park than wood fires. Where campfires are allowed, a metal fire ring is provided; never build your own ring. Gather only dead and down wood away from the camp area. Do not import firewood; insects and pathogens from an infected wood source could devastate Isle Royale's forests. Use small diameter wood no larger than an adult's wrist, as this will burn completely and will eliminate the need to pack a hatchet or saw. Collect wood from a wide area and away from the immediate vicinity of camp. This keeps the camp area from becoming depleted of wood and potential nutrients. Do not break branches or strip bark from standing trees, live or dead. Resist the temptation to gather driftwood or wood from beaver dams or lodges. Do not burn trash in any form. The fire should be kept small. Once finished, make sure the flames and coals are dead out and cold to the touch; double check before going to bed or leaving camp.

Canoeing/Kayaking

Lake Superior is well known for its cold temperatures, fog, and sudden squalls that can generate waves that could easily swamp a canoe. This along with scarce outer shore landing sites adds to the potential danger. Small, open vessels are encouraged to use the numerous miles of waterways that the inland lakes provide. Canoeists and kayakers should be familiar with weather patterns and consult the marine forecast at visitor centers before embarking. Be prepared to adjust your schedule to the weather. A portable marine radio is recommended.

Portages -

Canoe routes and portages are on the northeast half of the Island. Portages are marked with a letter "P" on a post.

PFD-

Every canoeist and kayaker must have a U.S. Coast Guard approved personal flotation device. Wear it; your life may depend on it.

Boat Rental -

Canoe, kayak, and motorboat rentals are available at Windigo and Rock Harbor. For more information contact the Rock Harbor Lodge. (refer to page 2).

Loons

Isle Royale National Park contains over 100 loon nesting territories, supporting the only known population which still breeds in Great Lakes waters. These birds nest on

land very close to the shoreline, making them highly susceptible to human disturbance. An adult loon who tremolos (the laughing call) is sending a message that you are too close. From mid-May through July 15 (loon nesting season) visitors are to stay at least 150 feet away from small islands. Additional areas may be closed due to loon nesting, please check at the visitor centers for updated information.

Aquatic Invasive Species

Invasive species are considered to be one of the top threats to the ecological integrity of our national parks. Please take time before and during your trip to do your part to repel the invasion.

What can you do to stop the spread? Before traveling to Isle Royale

Boaters

Drain live wells and bilge on land - remove transom water, lake water, and unwanted bait from your boat. Wash your boat, including bilge and equipment with either: a) hot (greater than 104 degrees F) water, b) high pressure water, c) disinfectant OR Clean and dry your boat and equipment in the sun for five days. Rainy days don't count.

Backpackers

Prior to departure, clean your tent, backpack, camping gear, clothing, and boots.

Canoeists and Kayakers

Remove weeds, algae, and other plant and animal materials from your boat. Wash your boat and equipment with either: a) hot water (greater than 104 degrees F), b) high pressure water, c) disinfectant OR clean and dry your boat and equipment in the sun for five days. Rainy days don't count.

Anglers

Clean fishing gear before island departure.

Divers

Wash all dive gear in warm chlorinated tap water
- Disinfect your wetsuit with a special-purpose shampoo - dry all dive gear and wetsuit for seven days before island departure.

While on Isle Royale

If you filter water from Lake Superior, change your filter or backflush several times with filtered water before using inland.

Canoeists and Kayakers

Wipe down your boat and associated gear before moving from Lake Superior to inland waters.

Anglers

When moving from Lake Superior to inland waters, clean gear and change line spools.

Wheeled Vehicles/ Devices

Wheeled vehicles (except for non-motorized wheelchairs) or other mechanical forms of transportation are not allowed outside developed areas at Rock Harbor and Windigo. This includes bicycles and portaging devices.

Weapons, Traps, & Nets

The use or possession of weapons, traps, and nets is prohibited. Weapons include any implements designed to discharge a projectile or missile in the air or water and include among other things the slingshot, blowgun, and bow and arrow. Fireworks are prohibited.

Exception: Possession of firearms within the park is regulated by Michigan law regarding open and concealed carry. Federal law prohibits possessing firearms in certain federal facilities. For information on weapons restrictions aboard ferries and seaplanes, see park website. Please Note: The discharge of firearms within park boundaries is prohibited.

For more detailed information about firearms and links to pertinent legislation and laws visit www.nps.gov/isro/parkmgmt/lawsandpolicies.htm

Pets

Dogs, cats, and other mammals are not allowed. This includes pets on boats within the park boundaries, which extend 4.5 miles into Lake Superior from the outermost land areas of the park. Visitors bringing pets to Isle Royale will be required to leave immediately. Pets disturb wildlife and can transmit diseases, particularly to wolves. Special conditions apply to service animals. Please contact the park for further information.

Showers

The concession operation offers tokenoperated shower facilities at Rock Harbor 5/23 through 9/5 and Windigo 6/3 through 9/7.

Boating

All boaters staying overnight at anchor, at docks, or in campgrounds must first obtain a camping permit. Lake Superior offers challenging and often dangerous weather in the form of dense fog, high winds, waves, and thunderstorms. Combine this with rocky reefs, limited safe harbors, and Isle Royale's remoteness, and it pays for you, your crew, and your boat to be shipshape. For additional information on boating and trip planning please request the park's Isle Royale Boating Guide. In addition to Houghton, Rock Harbor, and Windigo, boaters may obtain Isle Royale camping permits on-line at www.nps.gov/isro.

Restricted Water Activities -

Water skiing and personal watercraft including vessels commonly referred to as jet skis, waverunners, sea-doos, wet bikes, or surf jets are prohibited. Since all of the park's inland lakes are located within designated Wilderness, they can only be explored by paddling. Vessels with motors (even if not in use) are prohibited on inland lakes and streams.

Portable Generators, Electronic and Motorized Devices –

Operation of electronic and motorized devices such as stereos, televisions, radios tuned to commercial stations and portable generators are not permitted except in developed and open-water motorized zones. Developed areas include the Windigo and Rock Harbor developed areas, and the Mott Island Headquarters area. Open water motorized zones include Lake Superior waters outside of designated "quiet/no wake waters".

On-Board Generators -

The operation or use of permanently installed (by the boat manufacturer) on-board vessel generators is allowed between 6:00 a.m. and 10:00 p.m. Eastern Daylight Time in developed zones and at the following docks: Beaver Island, Belle Isle, Caribou Island, Grace Island, Hay Bay, Malone Bay, Rock Harbor, Tobin Harbor and Windigo. On-board generators may not be operated or used at the following

public docks: Birch Island, Chippewa Harbor, Daisy Farm, Duncan Bay, Duncan Narrows, McCargoe Cove, Merritt Lane, Moskey Basin, Siskiwit Bay, Three Mile, Todd Harbor, and Tookers Island. Vessels at anchor within Quiet/No Wake Zones may operate on-board generators between 6:00 a.m. and 10:00 p.m. Eastern Daylight Time, except when anchored within 1/4-mile of a designated park campground.

Quiet/No Wake Zones -

These zones promote a quality visitor experience by providing relatively tranquil, natural marine surroundings. Within the zone, vessels must not exceed 5 mph or create a wake in excess of surrounding seas. Quiet/No Wake Zones include specified areas near Todd Harbor, Johns Island, Barnum/Washington Islands, Hay Bay, Wright Island, Malone Bay, Chippewa Harbor, Conglomerate Bay, Moskey Basin, Lorelei Lane, Tobin Harbor, Merritt Lane, Passage Island, Duncan Bay, Five Finger Bay, Lane Cove, Robinson Bay, Pickerel Cove, Belle Harbor, Crystal Cove, and McCargoe Cove. Consult map on page 6 and 7.

Pollution Prevention -

Head pump-out service is available at Windigo and Rock Harbor when the concession operation is open.

Vessels carrying spare fuel in portable containers must use legally approved containers. Fuel may not be stored on docks.

Customs-

All vessels arriving from Canada (U.S. or Canadian) must clear U.S. customs at Windigo or Rock Harbor Visitor Center. A valid passport, U.S Passport card, enhanced drivers license, or trusted traveler program card is required. Visitors from Canada can be cleared for Isle Royale only. For additional information go to www.cbp.gov.

Divers-

Please refer to your dive permit regulations concerning compressor use.

Fuel-

Gasoline is sold from 6/3 through 9/7 at Windigo; gasoline and diesel fuel are sold from 5/23 through 9/5 at Rock Harbor. Diesel fuel is not available at Windigo. Early and late season service or fuel may be obtained at Windigo and Mott Island if personnel are available.

For detailed information on park regulations visit www.nps.gov/isro/ parkmgmt/lawsandpolicies.htm

For additional information on Leave No Trace request a copy of the park's LNT booklet or visit www.lnt.org

Finding Your Wilderness

Passage of the Wilderness Act of 1964 represented a new direction in management of America's public lands. Unlike other public lands, where management regimes and practices change over time, lands designated as wilderness will always be managed as wilderness, to leave these lands ".... unimpaired for future use and enjoyment as wilderness, and so as to provide for the protection of these areas, the preservation of their wilderness character..."

Our understanding of the world has changed significantly since 1964, and so has our ability to see our fingerprints in places we never imagined. Atmospheric deposition of pollutants, climate change and invasive species have all left marks on Isle Royale. Perhaps more importantly, people have used the archipelago for more than 4,000 years for fishing, mining,

hunting, gathering and recreation. While evidence of these impacts and activities is often subtle, it can be found in all corners of the park. So what does this mean? How can Isle Royale be a wilderness and yet be covered by the fingerprints of man? And do these insights about our history and impacts on Isle Royale diminish the island's wilderness character?

Part of the Act's stated purpose is to "secure for the American people of present and future generations the benefits of an enduring resource of wilderness." What are these benefits? The Act specifically mentions "outstanding opportunities for solitude and primitive recreation," but is that it?

The answer is no. In wilderness, people find a huge suite of benefits—scientific, cultural, metaphysical, personal and

other benefits—some of which the authors of the Act could never have imagined. Wilderness is a place you can go to seek the benefits you desire.

In this sense, protecting wilderness is about protecting an experience, an experience where people are not only able to explore iconic examples of the American landscape, but also to do so while being free from all but the most basic elements of life. It is an opportunity for people to go find what they are looking for, whatever that might be.

The wilderness experiences of Isle Royale visitors are varied and intensely personal, but there is one frequent theme. People treasure their time on Isle Royale. This is evidenced by the deeply personal connections they make with the island, and their frequent inclination to return...again and again.

So the challenge of protecting wilderness is not only about mitigating our impacts on our most pristine landscapes, it is about protecting an experience we treasure: an experience Isle Royale offered long before 1964, but one that will endure, thanks to the Wilderness Act.

Lucas Westcott, Isle Royale Park Ranger 2009 - present

Update: Cultural Resources Management Plan

Last winter, the National Park Service completed formal public scoping for the ongoing Cultural Resources Management Plan (CRMP). The public had the opportunity to review preliminary alternative concepts and to provide their thoughts and feedback. The team is now working to finalize a range of alternatives and the draft document is scheduled to be available this fall or winter. Public involvement is a critical part of this planning process, and we look forward to working with you and appreciate your continued interest in the future of cultural resources in Isle Royale National Park. Newsletters, opportunities to participate and other information related to the CRMP can be found online at http://parkplanning.nps.gov/ISROcrmp.

If the wilderness could speak, what would it say?



1970

The wilderness speaks to each of us in a different way.

"Adventure, peace, simplicity and fun"

"Breathe in deep. This rich, sweet air shall

invigorate your soul."

"Be free to explore, have an open mind about what you will discover, and learn from what you find."

"Take it all in. Look at the beautiful landscape, animals and unimaginable wildness around you."

"Beauty, balance and harmony...rain, rocks, roots"

"Tread lightly in this sacred place."

"Life is peaceful if you take the time to realize the good things in it."

"In the deep still silence, I could feel the Earth's beating heart."

"Come back, come back to me, you belong here."

What does the Isle Royale Wilderness say to you?

What does Isle Royale
wilderness mean to you? Join
the celebration by sharing your
thoughts at a ranger station or
ISRO_ParkInfo@nps.gov





Fishing at Isle Royale

A Michigan fishing license is required for fishing in Lake Superior, including narrow bays and harbors, and when transporting fish from the island to the mainland. If you are under 17 years of age, you may fish without a license. Licenses are not required to fish on the inland waters of Isle Royale; possession limits are generally the same as those set by the State of Michigan. Anglers should refer to the Michigan fishing regulations for possession limits and detailed license requirements for Lake Superior (also see the chart on page 7 for a brief guide to regulations). Only 24-hour licenses are available on the island and only when concession services are open. You may purchase a Michigan fishing license online at www.michigan.gov/dnr.

Invader Alert – Aquatic Invasive Species

Isle Royale waters, like all Lake Superior waters, face a growing threat from the invasion of non-native species. Once species like zebra mussels, spiny water fleas and sea lamprey enter an area, they cause large scale changes in the ecosystem.

Two invasive species, the sea lamprey and the spiny water flea have already established a presence in Isle Royale waters. The spiny water flea is presently found only in Lake Superior. The park is concerned it may enter the inland lakes. Once established, its spines harm predator fish and the fleas disrupt the zooplankton population, the basic food source for many fish species.

In 2009, zebra mussels were documented for the first time. Their potential to cause catastrophic change cannot be overstated. If zebra mussels were to enter the inland lakes it is estimated that they would cover nearly every habitable surface on an inland lake floor in two to four years.

The exotic virus Viral Hemorrhagic Septicemia (VHS) has reached Lake Superior. This disease affects more than 40 species of fish including lake trout and coaster brook trout. The incredible genetic diversity of Isle Royale's lake trout would be at risk if VHS was introduced to Isle Royale waters.

Stopping the Spread - Visitor Responsibilities

Vessel owners are legally responsible for Aquatic Invasive Species decontamination prior to entering park waters (extending 4.5 miles from Isle Royale and the outer islands). This applies to all vessels (power and sailboats, canoes, kayaks, etc.), regardless of size or configuration. Please take the following steps to prevent the transport of zebra mussels and other aquatic invasive species to Isle Royale waters:

Inspect for zebra mussels and other aquatic invasives attached to your trim tabs, swim platform, motor mounts, hull and equipment. Feel the hull. A coarse sandpaper texture may indicate larval mussels attached to your boat.

Remove all zebra mussels and other invasive species along with any aquatic plants from your boat, trailer and equipment. Larval mussels are best removed with a scrub brush or similar method. Treat invasives like litter. Dispose of them in a trash can.

Drain all water from your motor, livewell, bilge, transom, etc. away form any body of water.

Wash your boat, including bilge and equipment with either: a) hot water (greater than 104 degrees F), b) high pressure water, or c) disinfectant OR

Clean and Dry your boat and equipment in the sun for five days. Rainy days don't count.

Check to see if your boat is coming from a port known to have zebra mussels. Duluth, Superior, Thunder Bay, Marquette, Ontonagon and Ashland all have documented infestations. If so, take extra measures to assure decontamination.

REMINDER:

Barbless hooks and artificial lures only in all inland lakes, streams and creeks.

Special Brook Trout Regulations

Surveys indicate populations are dangerously low and may be at risk of disappearing unless protective measures remain in place. The National Park Service and Michigan DNR have implemented protective regulations at Isle Royale in order to help with the recovery of this once-common fish.

Brook trout can be identified by their nearly square tail and wormlike pattern on the back and dorsal fin. If you're uncertain about the species you catch, return it to the water.

Lake Superior Waters

(extend 4.5 miles out from the island) Catch and release only for all brook trout, including all bays and harbors.

Inland Waters

Catch and release only in all lakes, streams, and creeks. Only artificial lures and barbless hooks can be used in all lakes, streams, and creeks.

Fishery Conservation

With its multitude of islands and bays on Lake Superior, as well as numerous lakes and streams on the interior of the island, Isle Royale provides many opportunities for outstanding recreational fishing for wild, native fish. How can you help to conserve and minimize damage to the Isle Royale fishery?

- The possession or use of bait for fishing within the Lake Superior waters of the park is limited to those fish and/or fish parts that are caught within Isle Royale National Park waters. Transporting fish or fish parts for use as bait to the park is prohibited.
- Catch only what you plan to keep or eat.
 Catch and release, while encouraged, can be damaging and very stressful on fish.
- Know the minimum and maximum legal size of fish so that if they are too small or too large they can be quickly released.
- If moving from Lake Superior to an inland lake, change to a new spool of line. This will help prevent spread of the spiny water-flea, an exotic aquatic invertebrate that competes with juvenile fish for food. It has been found in Lake Superior waters of the park but is not yet documented in inland waters. Spiny water fleas can adhere to fishing line and be easily spread to other bodies of water.
- Release larger fish and keep medium size fish to insure future productivity.
 Larger, more mature fish produce more offspring than smaller fish.
- Instead of killing trophy fish, consider a modern graphite mount produced from a picture of the fish.
- Return fish to the water as soon as possible. While unhooking them, keep fish in the water as much as possible.
- Try not to handle fish, but if you need to, do so with a wet hand. Release handled fish gently by allowing them to swim from your hands rather than throwing them back into the water.

- Do not squeeze the fish or place fingers in the gills, since a torn gill can cause the fish to bleed to death.
- Remove the hook gently. Pliers work best. Cut the line near the hook if a fish is deeply hooked. A steel hook will decompose in time.
- Use only artificial lures (required in inland waters) as exotic species can accidentally be introduced by using live bait. In addition, live bait is more likely to be swallowed; resulting in more damage to fish.
- Use barbless hooks or bend down the barbs on the hooks. Using larger spoons when fishing for larger fish will help prevent catching undersize fish.

Disposal of Fish Remains

At Rock Harbor and Windigo, please use the fish cleaning station. At other locations, the preferred method is to dump remains chopped up into pieces 4" or less in deep (50' or deeper) water. This reduces the unsightly remains and odors around campgrounds and the unnaturally large gathering of gulls at these sites. At inland lakes the preferred method of disposal is to chop fish remains into pieces 4" or less and deposit into deep water via canoe. If you do not have a canoe, you could request the assistance of a canoeist. The alternate method is to chop up remains into pieces 4" or less and move at least 200 feet (75 steps) from campground and throw remains as far as possible into deep water. These steps will eliminate the potential for attracting and feeding wildlife at campgrounds. Please clean fish away from docks and campgrounds. Do not throw remains in shallow water near shore or throw remains to gulls or other animals.

Transporting Fish to the Mainland

You are allowed only one day's catch in your possession. While the license holder remains on the Island, Michigan Department of Natural Resources (DNR) allows those with DNR permits to ship legally-taken fish on the Ranger III, Isle Royale Queen IV, Sea Hunter, Voyageur II and the seaplane. This one-a-year permit covers up to a single day's catch limit. Fish must be claimed when the ferry service arrives at their destination. Permits may be obtained by writing: Department of Natural Resources, 427 U.S. 41 North, Baraga, Michigan 49908-9627 or calling (906) 353-6651.

Fishermen returning on the *Ranger III* must check in their fish with the ship's purser. Fish cannot be transported in coolers on private boats onboard the *Ranger III*.

Fish Consumption Advisory

Contaminants discovered in the Park ecosystem remind us that although Isle Royale is remote, it is part of a global system. Ongoing research in six inland lakes (Sargent, Siskiwit, Eva, Shesheeb, Wagejo, and Angleworm) shows fish with mercury levels exceeding the State of Michigan fish consumption advisories.

For information on fish consumption advisories check with park staff or visit the Michigan Department of Community Health website at: http://www.michigan.gov/

eatsafefish or the EPA Fish Advisory website at:

http://water.epa.gov/scitech/ swguidance/fishshellfish/ fishadvisories

Jay Glase Fishery Biologist

Transportation Services

Rates and schedules are subject to change.

FROM HOUGHTON. **MICHIGAN**



RANGER III **National Park Service owned and** operated.

5 hours one-way to Mott Island 6 hours one-way to Rock Harbor, 165 ft., 128 passenger vessel

SCHEDULE (Eastern Daylight Time) 5/27 thru 9/13

■ Houghton to Rock Harbor

- Tues. and Fri. 9:00 a.m.
- Rock Harbor to Houghton Wed. and Sat. at 9:00 a.m.

FARES	ONE WAY
Low Season Prior to 7/8 and af	ter 8/23
Adults	\$53.00
High Season 7/8 through 8/23	
Adults	\$63.00
All Season	
Children (7 thru 11 years)	23.00
Children (age 6 and under)	
Boat (less than 18'01")	
Boat (18'01" to 20'00")	
Disabled boat (20'01" to 24'00")	
Canoes/Kayaks (hand-loaded)	
Canoes/Kayaks (over 20'00" or 90	0 lbs.) 50.00
Outboard Motor	15.00
100 lbs. gear per passenger	FREE
Additional freight after 100 lbs	
GROUP RATES	ONE-WAY
(A party of seven or more)	
Adults	\$53.00

(A party of seven or more)
Adults
Children (7 thru 11 years)

SPECIAL RATES Ranger III Birthday Special

Round trip: Adult \$63.00 Children \$23.00, If round-trip is scheduled between 6/10 and 6/21

Ranger III Lodge Packages

(1, 4, or 5 night stay, lodge only with meals)
6/3 thru 7/5 25% Passenger Discoun
15% lodging discour
7/8 thru 9/5 20% Passenger Discour
10% lodging discour

For reservations contact the Rock Harbor Lodge at 866-644-2003.

Keweenaw Waterway Cruise

(2 ½ hours) 7/17 and 7/31 Depart from

Houghton 1:00 p.m.
Adults\$20.00
Children and Youth (age 1 through 15) \$5.00
Infants (under 1 year)FREE

RESERVATIONS

Full payment required for confirmed reservation. National Park User Fee is payable at time of departure. Major credit cards accepted. Reservations accepted on or after January 2.

CANCELLATIONS

Refunds, minus a 15% processing fee, if cancellation is received 3 days prior to sailing and tickets are returned. No refund within 3 days of sailing.

AMENITIES

Free parking • Largest of the ships • Two decks for passenger use • Ranger III Grill • Interpretive Programs • Backcountry Permits issued and orientation given onboard • Four lounges • Handicap Accessible Bathroom

FOR INFORMATION OR

Isle Royale National Park 800 East Lakeshore Drive Houghton, MI 49931-1869

On-line Reservations www.nps.gov/isro

Phone: (906) 482-0984 Fax: (906) 482-8753 E-mail: ISRO_ParkInfo@nps.gov Website: www.nps.gov/isro

FROM COPPER HARBOR, **MICHIGAN**



ISLE ROYALE OUEEN IV

31/4 hours one-way, concession operated, 100 ft., 100 passenger vessel

SCHEDULE (Eastern Daylight Time)

Copper Harbor 8:00 a.m.	
■ Rock Harbor 2:45 p.m.	
5/12 thru 6/6	M & F (also W 6/4)
6/9 thru 6/30	M, T,Th, F, Sat
7/1 thru 7/29	M, T, Th, F, Sat, Sun
7/31 thru 9/1	Every Day
9/5 thru 9/29	M & F

9/5 thru 9/29	IVI & F
FARES	ONE-WAY
5/13 thru 7/14 & 8/16 thru 9/30	
Adults	\$60.00
Children (1 thru 11)	30.00
7/15 thru 8/15	
Adults	\$65.00
Children (1 thru 11 years)	32.50
Infants (under 1 year)	FREE
Canoes/Kayaks	
Double Kayaks	40.00
Motors (under 5 hp)	5.00
Motors (5 hp and over)	15.00
70 lbs gear per person	FRFF

RESERVATIONS

Online reservations available at www.isleroyale. com. Phone reservations also taken. Full-fare deposit required. Canoes and kayaks require reservations. Major credit cards accepted.

CANCELLATIONS

....\$23.00

There is no refund if canceled less than 3 days before sailing. Cancellations received with more than 3 days notice will be sent an 85% refund. If canceling a group of 10 or more, two weeks notice is required.

MISCELLANEOUS

Parking fee • Limited snacks • Freight, canoes. etc. carried for our passengers only • Due to weight restrictions, luggage limited to 70 lbs. per passenger • Email and faxes are for information requests only ● The \$4 per day National Park User Fee is collected on the *Queen IV* as she sails to Isle Royale and is payable in cash, check, or money order only.

Motor Boaters be advised that the Queen IV is presently not equipped to carry motor boats. Boaters should contact the Ranger III for passage.

FOR INFORMATION OR **RESERVATIONS CONTACT**

The Isle Royale Line, Inc. P.O. Box 24, Copper Harbor, MI 49918

Phone: (906) 289-4437

Fax:

(906) 289-4952

E-mail: isleroyalegueen@gmail.com

Website:

www.islerovale.com

FROM GRAND PORTAGE, **MINNESOTA**



VOYAGEUR II

Grand Portage to Windigo - 2 hours one-way, Windigo to Rock Harbor - 5 hours one-way, concession operated, 60 ft. vessel

SCHEDULE (Central Daylight Time)

■ Grand Portage to Rock Harbor via Windigo/M
Cargoe Cove/Belle Isle
5/3 thru 5/24W & Sat 7:30 a.n
5/26 thru 9/13 M, W & Sat 7:30 a.n
9/17 thru 10/1W 7:30 a.n
■ Rock Harbor to Grand Portage via Daisy Farm
Chippewa Harbor/Malone Bay/Windigo
5/4 thru 5/25Th & Sun. 8:00 a.n
(0.00 ED3

chippewa Harboniwalone	Day/ vviridigo
5/4 thru 5/25	Th & Sun. 8:00 a.m.
	(9:00 a.m. EDT)
5/27 thru 9/14	Tue, Th & Sun 8:00 a.m.
	(9:00 a.m. EDT)
9/18 thru 10/2	Th 8:00 a.m.
	(9:00 a.m. EDT)
Windigo Round-Trip — Sat	. & Sun. 9/20 thru 10/5
Grand Portage to Windigo	8:00 a.m.
Windigo to Grand Portage	21:00 p.m.
	(2:00 p.m. EDT)

	(2:00 piiii 251)
FARES	ONE-WAY
Grand Portage to Windigo	\$69.00
Child (4 thru 11 years)	48.00
Grand Portage to any designat	ted same day stop
beyond Windigo/Any designat	ed same day stop

beyond Windigo to Grand Porta	ge82.00
Child (4 thru 11 years)	53.00
Inter-island travel between vario	ous same day
designated island stops	51.00 - 64.00
Inter-island travel for child	35.00 - 45.00
Canoe, Kayak	37.00
40lbs Gear per passenger	FREE
Air Tanks, Additional freight	\$37.00/100 lb.

RESERVATIONS

Full payment required for confirmed reservations. Major credit cards accepted. Refund is 85% of fare, provided cancellation is received at least 2 full weeks prior to departure.

MISCELLANEOUS

• The \$4 per day National Park Service User Fee is collected on Voyageur II as she sails to Isle Royale and is payable in cash only. • Parking fee • Hot coffee available • Freight shipments must be arranged in advance • Fuel surcharge • Fishing poles must be in protective cases • Hard gear must be in securely closed

FOR INFORMATION OR **RESERVATIONS CONTACT**

Grand Portage-Isle Royale Transportation Line, Inc. P.O. Box 10529, White Bear Lake, MN 55110

Phone:

(651) 653-5872 - Oct thru April (218) 475-0024 - May thru Oct

E-mail: reservations@isleroyaleboats.com Website: www.isleroyaleboats.com

FROM GRAND PORTAGE, **MINNESOTA**



SEA HUNTER

Grand Portage to

1.5 hours one-way, concession operated,

SCHEDULE (Central Daylight Time)

- Grand Fortage to	
Windigo	
6/11 thru 7/12	W, Fri, Sat
7/16 thru 8/17	W, Th, Fri, Sat, Sun
8/20 thru 8/30	W, Fri, Sat
■ Windigo to	
Grand Portage	daily 2:00 p.m.
	(3:00 p.m. EDT)
6/11 thru 7/12	W, Fri, Sat
7/16 thru 8/17	
8/20 thru 8/30	W, Fri, Sat
FARES	ONE-WAY
Adults	\$69.00
Children (4 thru 11 years)	48.00
Canna/Kayak	37.00

... \$37.00/100 lb. Additional freight. **SAME DAY ROUND-TRIP**

Children (4 thru 11 years) RESERVATIONS

40 lbs. Gear per passenger......

Full payment required for confirmed reservations. Major credit cards accepted. Refund is 85% of fare, provided cancellation is received at least 2 full weeks prior to departure.

MISCELLANEOUS

The \$4 per day National Park Service User Fee is collected on Sea Hunter as she sails to Isle Royale and is payable in cash only. • Parking fee • Hot coffee available • Limited snacks • Sightseeing en route • Fishing poles must be in protective cases • Hard gear must be in securely closed packs ● Fuel

FOR INFORMATION OR **RESERVATIONS CONTACT**

Grand Portage-Isle Royale Transportation Line, Inc. P.O. Box 10529, White Bear Lake, MN 55110

(651) 653-5872 - Oct thru April (218) 475-0024 - May thru Oct

reservations@isleroyaleboats.com Website:

www.isleroyaleboats.com

FROM HOUGHTON, **MICHIGAN**



SEAPLANE

30 – 40 minutes one-way, concession operated

amphibious Cessna 206 SCHEDULE

FARES	
9/7 thru 9/20	M, T, Th & Fri.
6/1 thru 9/6	M, T, Th, Fri, Sat, Sun
5/19 thru 5/30	M, T, Th & Fri
JUILDULL	

FARES	
Round trip	\$310.00
One Way	210.00
Inter-island	100.00

RESERVATIONS

Full payment required for confirmed reservation. Full refund of fare, provided cancellation received at least two full weeks prior to departure.

MISCELLANEOUS

The seaplane accommodates up to four persons. • Baggage is limited to 50 pounds per person. • The plane cannot carry stove fuel. Selected fuels

are available upon arrival in the park FOR INFORMATION OR **RESERVATIONS CONTACT**

Royale Air Service, Inc 16179 Via Solera #106 Fort Myers, FL 33908

Phone: (906) 483-4991

(877) 359-4753 E-mail:

> reservations@royaleairservice.com Website:

www.royaleairservice.com

WATER **TRANSPORTATION** ON THE ISLAND

VOYAGEUR II

During its clockwise circumnavigation of the Island, the Voyageur II provides drop-off and pick-up services at several areas. Please refer to their schedule and rates.

ROCK HARBOR LODGE **WATER TAXI**

Provides drop-off and pick-up services between Rock Harbor and McCargoe Cove on the north shore and Rock Harbor and Malone Bay on the south shore. Opens 5/23 through 9/5. For rates and further information visit www.RockHarborLodge.com For contact information refer to page 2.

GENERAL INFORMATION

- No alcohol consumption on passenger ferries.
- Pets and wheeled devices are not allowed.
- Wheelchairs are allowed. Stove fuel can be carried in approved containers on ferries, but not on the seaplane. • Lake Superior weather is cool throughout the year; for comfort bring

Isle Royale's Recreation Fee Program

Fee Categories	Rate and Explanation
Daily User Fee	\$4.00 per person per day. Children II and under are exempt from the fee.
(Optional): Individual Season Pass	\$50.00 This pass is valid from April 16 through October 31 of the year indicated. The pass covers the User Fee for the person whose signature appears on the pass.
(Optional): Season Boat Rider Pass	\$150.00 This pass is valid from April 16 through October 31 of the year indicated. The pass covers the User Fee for all persons onboard, when affixed to the private boat (charters excluded). When camping, the pass is only valid for passengers included in and following the itinerary of the vessel.

Join the Isle Royale & Keweenaw Parks Association and Support Isle Royale National Park Programs

The Isle Royale & Keweenaw Parks Association, in partnership with the National Park Service, promotes the public's understanding and appreciation of Isle Rovale National Park and Keweenaw National Historical Park through education and research.

By publishing and selling products about Isle Royale National Park and Keweenaw National Historical Park, we educate people about these special places and raise funds that are reinvested in the parks to support research and interpretive programs.

Every year the Isle Royale & Keweenaw Parks Association contributes approximately \$25,000 in cash and in-kind aid to Isle Royale National Park.

YOU CAN HELP....

You can support the work of the Isle Royale & Keweenaw Parks Association and our partner parks by becoming a contributing member of our organization. Your tax-deductible contribution will help us share the stories of Isle Royale National Park and Keweenaw National Historical Park with people of all ages, around the world.

Membership levels are:

Life	 \$1200	(Payable in 4 installments)
Patron	250	See website
Sustaining	100	for member
Supporting	50	premiums.
Household	35	
Individual	25	

Member benefits:

- · a 10% discount on all purchases from IRKPA outlets and many other national park visitor centers throughout the U.S.,
- three issues of Wolf's Eye newsletter,
- copies of park newspapers, *The Greenstone* and the *Keweenaw* Guide.
- invitations to park programs, trips, and events,
- monthly e-mail park news updates.

Become a member today!

Call us at 800-678-6925, or join online at **www.irkpa.org**



Offers books and other educational

products in visitor centers at Rock Harbor, Windigo, Houghton and Calumet or online;







Produces park signs and brochures;

Brochures



Isle Royale **Botany Workshop**



Provides funding for Isle Royale's Artist-in-Residence Program.

Isle Royale Artists in Residence

BOOKS, MAPS & MORE Your purchases help support Isle Royale National Park!

Becoming Wilderness: Nature, History, and the Making of Isle Royale National Park Explore the little-known backstory of how Isle Royale became a national park, and the people and politics behind the decision to make a remote island in Lake Superior the first wilderness national park. 99 pp. Author: Amy Tholen Baldwin

The Diary of an Isle Royale School Teacher Back in print! A perennial favorite, Dorothy Simonson's journal shares the joys and hardships of a winter spent teaching a Chippewa Harbor fisherman's family in 1932-33. Edited by Dorothy's son Bob, who spent that winter with her. 138 pp

Island Life: An Isle Royale Nature Guide A complete guide to the common flora and fauna of Isle Royale in one easy-to-use and easy-to-carry volume. Over 350 species of mammals, birds, fish, reptiles, trees, and flowers, each illustrated with a color photograph or drawing. 168 pages. Authors: Ted Gostomski & Janet Marr

Isle Royale National Park: Foot Trails and Water Routes

\$16.95 The park's authoritative trip-planning guide. Complete descriptions for trails and waterways, including mileage, difficulty and

amenities at each destination. More than 60 photos and 35 detailed maps of the park's backcountry. 4th Edition. 184 pages. Author: Jim DuFresne

The Wolves of Isle Royale:

A Broken Balance

\$29.95 This classic first-hand account of the Isle Royale predator/prey study is illustrated with more than 100 photographs. The book reveals the true nature of the little-understood wolf and some of the secrets of this one-of-a-kind research project, now entering its 56th year. 192 pages. Author: Rolf Peterson

Ecological Study of Wolves

on Isle Royale 2013-2014 This year's report from the winter study on Isle Royale. Includes latest information on the island's wolf and moose populations. Annual Reports from 1987-2013 also available

Superior Wilderness:

Isle Royale National Park

Authors: Rolf Peterson & John Vucetich

\$16.95 A natural history of Isle Royale for the layperson, emphasizing the ecology of the island, the relationship between its plants, animals and physical environment. Color photographs and an extremely readable text. Maps, photos, charts, illustrations. 171 pages. **Author: Napier Shelton**

Wolf-Moose Snowflake T-Shirt Adult S-XL \$16.95, 2XL \$18.95, Youth S-XL \$13.95 George Desort's original design of wolf and moose tracks that form a snowflake! Says "Wolves and Moose of Isle Royale" and "www. irkpa.org." Preshrunk 100% cotton in gray or royal blue.

Ir. Ranger Backpack, Hat, and Vest

High-quality Jr. Ranger products, designed with the young nature explorer in mind, complement our national parks' Jr. Range

Sturdy, feature-rich nylon backpack Poly/cotton hat with chin strap (S, M/L) \$11.95 Poly/mesh zip vest with pockets (youth S, M, L) \$23.95

Advice From Isle Royale

Take home some advice from Lake Superior's island wilderness!
Postcard OR Laminated bookmark
\$2 Magnet

100% preshrunk cotton T-shirt (S-XL) \$24.95 (2XL \$26.95) 50/50 cotton/poly Sweatshirt (S-XL)

Jr. Rangerland Travel, Doodle, Explore! Activity Book

Features national parks, cities, and other fun places to color and draw, "art starters," and facts to learn more about the animals, plants, and places! 128 pp.

Trails Illustrated Map

Topographic map with wilderness tips, Leave No Trace guidelines, trails, trailheads, points of interest, campgrounds, and more Printed on waterproof, tear-resistant material with half of the island on each side. Measures 4" x 9" folded and 38" x 25" open. Scale = 1:50,000. Updated 2006.

Isle Royale Trail Map Fundana Custom bandana shows the island's major trails and includes fun numbers about the island and a border with points of interest. 100% cotton in royal blue or hunter green.

NOAA Lake Charts \$22.50 price subject to change Official navigation charts for Isle Royale, Lake Superior, Grand Portage, the Great Lakes, Keweenaw Peninsula, and Portage Canal. Soundings in feet. Folded or rolled. Add \$4.00 for mailing tube if rolled.

Exploring Isle Royale This orientation video produced by the National Park Service shows

how to best enjoy the island's many attributes, including its trails, lakes, and campsites. Winner of the 1995 Michigan Outdoor Writers Association Best Outdoor Travel Program. 28 minutes

Fifty Lakes One Island Filmmaker George Desort captures his inspirational 80-day solo journey across Isle Royale with breathtaking footage and personal storytelling. 50 min. Also available: Desort's 2009 Fortunate

Wilderness: The Wolf and Moose Study of Isle Royale DVD. \$20.

Rock Harbor Lighthouse Ornament Gold-edged porcelain ornament includes facts about the light on the back. 4" diameter with red ribbon and box. Rock of Ages ornament also available.

Special Value Package

Hiking & Canoeing Package \$29.00 Includes the Trails Illustrated map, the book Isle Royale National Park: Foot Trails and Water Routes, and the park checklists of birds, mammals, and rocks.

www.irkpa.org

800-678-6925

IRKPA members receive a 10% Discount on all purchases!

Visit our sales outlets at Isle Royale National Park visitor centers on the waterfront in Houghton, Michigan, and on the island at Rock Harbor and Windigo.

